

Table 4-3
U.S. R&D expenditures, by performing sector, source of funds, and type of work: 2013

	Source of funds (\$millions)						
Performing sector and type of work	Total	Business	Federal government	Nonfederal government	Universities and colleges	Other nonprofit organizations	Percent distribution by performer
R&D	456,095	297,279	121,808	4,113	15,240	17,655	100.0
Business	322,528	292,153	29,362	194	*	819	70.7
Federal government	49,859	180	49,448	50	*	181	10.9
Federal intramural	33,026	0	33,026	0	0	0	7.2
FFRDCs	16,833	180	16,422	50	*	181	3.7
Nonfederal government	467	*	193	274	*	*	0.1
Universities and colleges	64,680	3,502	36,867	3,594	15,240	5,477	14.2
Other nonprofit organizations	18,561	1,444	5,939	*	*	11,178	4.1
Percent distribution by funding source	100.0	65.2	26.7	0.9	3.3	3.9	na
Basic research	80,460	21,213	37,826	2,317	9,384	9,720	100.0
Business	19,508	18,203	1,196	21	*	88	24.2
Federal government	9,531	52	9,413	14	*	52	11.8
Federal intramural	5,355	0	5,355	0	0	0	6.7
FFRDCs	4,176	52	4,058	14	*	52	5.2
Nonfederal government	NA	*	NA	NA	*	*	NA
Universities and colleges	41,275	2,156	24,148	2,213	9,384	3,373	51.3
Other nonprofit organizations	10,029	802	3,021	*	*	6,207	12.5

	Source of funds (\$millions)						
Performing sector and type of work	Total	Business	Federal government	Nonfederal government	Universities and colleges	Other nonprofit organizations	Percent distribution by performer
Percent distribution by funding source	100.0	26.4	47.0	2.9	11.7	12.1	na
Applied research	90,629	46,290	33,357	1,340	4,801	4,841	100.0
Business	51,013	44,738	6,028	47	*	200	56.3
Federal government	15,103	82	14,915	23	*	83	16.7
Federal intramural	8,337	*	8,337	*	0	*	9.2
FFRDCs	6,766	82	6,578	23	*	83	7.5
Nonfederal government	NA	*	NA	NA	*	*	NA
Universities and colleges	18,608	1,103	9,845	1,132	4,801	1,726	20.5
Other nonprofit organizations	5,671	366	2,472	*	*	2,833	6.3
Percent distribution by funding source	100.0	51.1	36.8	1.5	5.3	5.3	na
Development	285,007	229,776	50,625	456	1,054	3,096	100.0
Business	252,007	229,212	22,137	126	*	532	88.4
Federal government	25,225	46	25,120	13	*	46	8.9
Federal intramural	19,334	*	19,334	*	0	*	6.8
FFRDCs	5,890	46	5,786	13	*	46	2.1
Nonfederal government	NA	*	NA	NA	*	*	NA
Universities and colleges	4,797	242	2,874	249	1,054	379	1.7
Other nonprofit organizations	2,861	276	446	*	*	2,139	1.0



	Source of funds (\$millions)						
Performing sector and type of work	Total	Business	Federal government	Nonfederal government	Universities and colleges	Other nonprofit organizations	Percent distribution by performer
Percent distribution by funding source	100.0	80.6	17.8	0.2	0.4	1.1	na

* = small to negligible amount, included as part of the funding provided by other sectors; na = not applicable; NA = not available.

FFRDC = federally funded R&D center.

NOTES: Data for 2013 include some estimates and may later be revised. Some components of R&D performance and funding by other nonprofit organizations are projected and may later be revised.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, National Patterns of R&D Resources (annual series).

Science and Engineering Indicators 2016